

10/765927

## EAST Search History

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| L1    | 1056 | (nanotube and ("cross-linked" or "cross-link" or crosslink\$4) and (resistor or resistance)).clm   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/02/05 10:25 |
| L2    | 883  | ((nanotube near4 carbon) and ("cross-linked" or "cross-link" or crosslink\$4) and (resistor or resistance)).clm  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/02/05 10:25 |
| L3    | 18   | ((nanotube near4 carbon) same ("cross-linked" or "cross-link" or crosslink\$4) same (resistor or resistance)).clm  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/02/05 10:33 |
| L4    | 20   | ((nanotube near4 carbon) and ("cross-linked" or "cross-link" or crosslink\$4) and (resistor or resistance or varistor or thermistor)).clm.                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/02/05 10:47 |
| L5    | 0    | ((nanotube near4 carbon) and ("cross-linked" or "cross-link" or crosslink\$4) and (resistor or resistance or varistor or thermistor)).clm. and 338/225.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/02/05 10:47 |
| L6    | 0    | ((nanotube near4 carbon) and ("cross-linked" or "cross-link" or crosslink\$4) and (resistor or resistance or varistor or thermistor)).clm. and 252/502.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/02/05 11:00 |
| L7    | 0    | ((nanotube near4 carbon) and ("cross-linked" or "cross-link" or crosslink\$4) and (resistor or resistance or varistor or thermistor)).clm. and 338/20.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/02/05 11:00 |
| S1    | 7    | nanotube and (mesh or net or network or grid) and crosslink and "252"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2007/02/05 10:23 |
| S2    | 104  | nanotube and (mesh or net or network or grid) and "252"/\$.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR               | ON      | 2006/03/15 17:33 |

## EAST Search History

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|-----|-----|--|---|----|----|------------------|
| S3  | 8   | crosslink with nanotube  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/15 16:48 |
| S4  | 0   | 2002-503204A   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/15 16:49 |
| S5  | 0   | JP near2 503204A   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/15 16:50 |
| S6  | 4   | 503204A  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/15 17:05 |
| S7  | 1   | 08/352400.app.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/15 17:28 |
| S8  | 1   | 10/765927.app.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/15 17:33 |
| S9  | 154 | (nanotube or cnt or mwnt or swnt)<br>and (mesh or net or network or<br>grid) and "252"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/29 09:56 |
| S10 | 27  | (nanotube or cnt or mwnt or swnt)<br>with (mesh or net or network or<br>grid) and "252"/\$.ccls. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/16 13:43 |
| S11 | 57  | (nanotube or cnt or mwnt or swnt)<br>with (functional\$7 or react\$5) and<br>"252"/\$.ccls.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/16 16:24 |
| S12 | 2   | "6,203,814".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/16 16:24 |

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|     |      |   |   |    |    |                  |
|-----|------|---|---|----|----|------------------|
| S13 | 91   | 977/734.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/21 16:36 |
| S14 | 204  | 977/742.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/21 16:36 |
| S15 | 2    | 977/740.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/28 12:23 |
| S16 | 11   | 977/745.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/28 12:23 |
| S17 | 1993 | (nanotube or mwnt or swnt or buckytube or "tubular fullerene" or "carbon fibril") with (functionaliz\$5 or coat\$4)                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/29 17:19 |
| S18 | 67   | (nanotube or mwnt or swnt or buckytube or "tubular fullerene" or "carbon fibril") with (functionaliz\$5 or coat\$4) and "252"/\$.ccls.                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/29 10:21 |
| S19 | 13   | (nanotube or mwnt or swnt or buckytube or "tubular fullerene" or "carbon fibril") with (functionaliz\$5 or coat\$4) and "252"/502.ccls.                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/29 10:06 |
| S20 | 180  | (nanotube or mwnt or swnt or buckytube or "tubular fullerene" or "carbon fibril") with (functionaliz\$5 or coat\$4) and "977"/\$.ccls.                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/29 17:03 |
| S21 | 38   | (nanotube or mwnt or swnt or buckytube or "tubular fullerene" or "carbon fibril") with ((functionaliz\$5 or coat\$4) near2 surface) and "977"/\$.ccls.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/29 17:05 |
| S22 | 82   | (nanotube or mwnt or swnt or buckytube or "tubular fullerene" or "carbon fibril") with (functionaliz\$5 or coat\$4) with (mesh or net or network or grid) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/29 18:29 |

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|     |     |                          |   |    |    |                  |
|-----|-----|--------------------------|---|----|----|------------------|
| S23 | 0   | watanabe-miho-\$.in.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/29 18:30 |
| S24 | 51  | watanabe-miho.in.        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/30 15:47 |
| S25 | 0   | hirakata-masaki-\$.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/29 18:41 |
| S26 | 62  | hirakata-masaki.in.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/29 18:42 |
| S27 | 0   | anazawa-kazunori-\$.in.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/29 18:42 |
| S29 | 0   | manabe-chikara-\$.in.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/29 18:43 |
| S31 | 0   | kishi-kentaro-\$.in.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/29 18:43 |
| S33 | 0   | shigematsu-taishi-\$.in. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/29 18:43 |
| S35 | 1   | isozaki-takashi-\$.in.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/29 18:44 |
| S36 | 113 | isozaki-takashi.in.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/29 18:44 |

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|     |      |                          |   |    |    |                  |
|-----|------|--------------------------|---|----|----|------------------|
| S37 | 10   | watanabe-hiroyuki-\$.in. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/29 18:45 |
| S38 | 2141 | watanabe-hiroyuki.in.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/29 18:46 |
| S39 | 0    | ooma-shigeki-\$.in.      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/29 18:46 |
| S40 | 19   | ooma-shigeki.in.         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/29 18:46 |
| S41 | 0    | shinsuke-okada-\$.in.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/29 18:47 |
| S42 | 0    | shinsuke-okada.in.       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/29 18:47 |
| S43 | 72   | anazawa-kazunori.in.     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/30 15:17 |
| S44 | 42   | manabe-chikara.in.       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/30 15:35 |
| S45 | 54   | kishi-kentaro.in.        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/30 15:35 |
| S46 | 34   | shigematsu-taishi.in.    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/30 15:36 |

## EAST Search History

|     |   |  |   |    |    |                  |
|-----|---|--|---|----|----|------------------|
| S47 | 0 | "10/935174,10/768039,10/537745,10/894021".app.             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/30 15:48 |
| S48 | 0 | 10/935174.10/768039,10/537745,10/894021.app.               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/30 15:48 |
| S49 | 5 | 10/935174.app. 10/768039.app.10/537745.app. 10/894021.app. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2006/03/30 15:49 |